

Problems in the Extrusion of Powdered Thermoplastics,
by H. Domininghaus
EUROPEAN, per, Kunststoffe-Rundschau, Vol 15,
1968, pp 491-496
NTC 71-16566-111

mar 72

Injection Molding of Thermoplasts and Elastomers,
by A. Rothenspieler.
GERMAN, per, Kunststoff-Rundschau, Vol 16, No 9,
1969, pp 531-536.
NTC-71-10827-13H

Nov 71

Effect of Fabric Construction on Mechanical Properties of Glass Fiber Reinforced Plastic, by W. Wegener.
GERMAN, per, Kunststoff-Rundschau,
Vol. 17, No 9, 1970, pp 465-475.
NTC 72-11048-11I

May 72

R. Forster

Stress and Strain Analysis of Centrifugally Cast,
Glass-Fibre Reinforced Plastic Pipes and Methods
for their Design

KUNSTOFF-RUND, No. 11, 1971, pp 595-600
BISI 10161

Jan 1973

AT5

1479-CJ THE SIGNIFICANCE OF STANDARDS, TEST DATA AND TEST
METHODS FOR THE DESIGNER OF PLASTIC MOLDINGS, B.
Carlowitz, Kunststofftechnik 8, No. 2, 46-51 (1969).
4700 W; 2 T; 9 F; 7 R \$19.25 (\$3.00)

New Information on Drives for Plastics Machines,
by H. Potschke.

GERMAN, per, Kunststoffe-Technik, vol. 8,
no. 7, 1969, pp. 251-254.

NTC 71-12967-13I

JULY 71

Tensile Creep Tests on Compression Moulded
and Injection Moulded Specimens, by H. W. Paffrath.
GERMAN, per, Kunststofftechnik, Vol 9, No 9,
1970, pp 316-322.
NTC-71-14998-111

Feb 72

F. Frank

The Cross-Sectional Shape of Cross-Ply and
Belted Tires.

GERMAN, per, Kunststofftechnik, Vol 10, No 1,
1971, pp 9-13
NTC 72-12517-11J

sept 72

F. Frank

The Cross-Sectional Shape of Crossed-Ply and
Radial-Ply Tires.

GERMAN, per, Kunststofftechnik, Vol 10, No 2,
1971, pp 42-47

NTC 72-12518-11J

sept 72

OPERATION VIETNAM: Vienna Surgeon Worked 2
Months in Saigon, by Gerhard Freilingner.
GERMAN, np, Kurier, 5 Aug 1967, 1 pp.
JPRS CSO: 16215

Sept 67

GERMAN

*Comp
spec*CSO: 08681/71 W
7 June 1971 SF

Austrian Foreign Office Code Officer Alois Kahr
arrested as Soviet Agent for past ten years, by
Josef Jager, Hans Mehr et al.

Vienna, ~~Excerpt~~, 25 April 1969, ~~Excerpt~~ 25 & 26
April 1969.

Special type B - do not publish - Translator's
draft, plus one copy.

Interview with Dr. Kurt Waldheim, Austrian
Ambassador to UN, 8 pp.
GERMAN, np, Kurier, 12 Aug 1971.
Enclosure to A-643, 19 Aug 1971.

Aug 71

Handcrafts during Past Four Years: Production
and Comparative Wages, by Leon Bronicki, 5 pp.
POLISH, per, Kurier Polski, 18 and 19 May
1965, p. 3.
JPRS 30873

EE-Poland
Econ
Jul 65

282,943

Role of Writers in Warsaw "Excesses", by
Ryszard Kontarz, 6 pp.
POLISH, per, Kurier Polski, Warsaw,
12 March 68, p. .
JPRS 44,923

EE(Poland)
Political
April 68

355,422

Szczecin Development Plan Approved, 7 pp.
POLISH, per, Kurier Szczecinski, Szczecin,
No 67, 19 Mar 72, p 3.
JPRS 55969

May 72

Cable Oscillatory Resistance Measurement
With the Polyscope, by W. Bajorat, 5 pp.
GERMAN, per, Die Kurzinformation, No 14,
Mar 1965, pp 31-33.
ACSI I-9691
ID 2204025466

302,142

X-Ray Flash Technology, by G. Thomer.
EUROPEAN, per, Kurzzeitphysik, 1967,
pp 328-366
NTC 72-11656-20F
NASA TT F 11,819

June 72

Visualization of Shell Waves and Boundary
Layers, by H. Oertel.
GOVERNMENT USE ONLY
GERMAN, bk, Kurzzotophysik, 1967, pp 786-
816,844-848.
NASA TT F-12,051

Sci-Phys
Apr 69

279,505

A Mechanised Unit for the Heating in a Molten
Bath of Salt of Components for Punching, by
A. S. Grigorenko, et al.
RUSSIAN, per, Kuznechno-Shtampov., Vol 10, No 6,
1968, pp 37-40.
BISI 7131

Sci-Mat

June 67

Orthogonalizing Regression Analysis, by
P. Laitinen
HUNGARIAN, per, Kvalitet, Vol 11, No 3, 1967,
pp 136-145.
ML Ref: 5828.4F (12674)

Sci-Math
Jul 68

360,744

Biomass and Production of the Lake Ochrid
Obligochaetofauna, by J. Sapkarev, 44 pp.
YUGOSLAV, bklt, Kvantitativen Sostav na
Oligokhetite od Okhridsko Ezero, 1966
*CFSTI TT 70-56023

Sci/b&m
Jan 70

Basov, N. G.

A Chemical Laser Operating on Mixtures of Fluorine
and Fluorides of Nitrogen with Deuterium.

KVANTOVAYA ELEKTRONIKA, No 4, pp 50-57, 1971.

NTC-72-15015-20E

Feb 73

A New Raw Material for the Fermentation Industry -
Petroleum, by J. Martinkova.
CZECH, per, Kvasny Prumysl, Vol 13, No 6, 1967,
pp 132-135.
ATS CJ-S129

Sci-Mat
July 69

385,505

The Problem of Determining the Accuracy of
the Bouguer Anomaly, by A. Grobelny.
FOLDH, per, Kwartalnik Geologiczny, Vol 12,
No 3, 1968, pp 707-717.
ACIC-TC-1532

Sci-Ear Sci
Oct 69

394,466

Minister of Agriculture Discusses Progress
in Zanzibar and Pemba, 7 pp.
SWAHILI, np, Kwaupa, 6 Nov 1965, pp. 405-
407 & 410.
JPRS 33444

Africa-Tanzania

Econ

Jan 66

294,005

Karume Discusses Programs to Aid Zanzibar's
Youth and Elderly, 5 pp.
SWAHILI, np, Kwana, No 103, 13 Nov 1965,
pp. 417-419.
JPRS 33514

Africa-Tanzania
Sec
Jan 66

293,867

Speech of Zanzibari Minister of Home Affairs
Aboud Jumbe at Mahonda Meeting, 5 pp.
SWAHILI, np, Kweupe, 18 June, p. 163; 25 June,
p. 170; 28 June, p. 174; 2 July 1966, p. 178.
JPRS 36966

Africa-Tanzania

Pol

Sept 66

311,140

The Reception of Information by Biological
Receptors. Part I. Theoretical Investigations
of the Cause for the Formation of Excitation,
by E. Zerbet & K. H. Dittberner.
GERMAN, per, Kybernetik, Vol 2, No 4, 1965,
pp 160-168.
Dept of Navy/APL/JHU T-2043

Sci/B & M
May 68

358,188

The Optical Transfer Properties of the Compound
Eyes of Drosophila, by K. G. Götz.
GERMAN, per, Kybernetik, Vol 2, No 5, 1965,
pp 215-221.
Dept of Navy Tr 5015
APL/JHU T-1757

Sci/BQM
Dec 66

314,649

Physical and Biological Limits of Information
Transmission, by H. Marko.

GERMAN, per, Kybernetik, Vol 2, No 6, 1965,
pp 274-284.

Navy APL/JHU T-1978
tr 5185

Sci/B&M
Mar 67

318,541

Coincidence Filters with Short Pulses,
by F. Jenik.
GERMAN, per, Kybernetik, Vol II, No 6,
1965, pp 287-315.
*Dept of Navy JHU/APL J-753

Sci - Elec
Mar 66

296,565

Neuron Activity in the Tractus Opticus
and Corpus Geniculatum Laterale During
Long-Term Stimulation by Light of
Varying Intensity, by M. Straschill,
GERMAN, per, Kybernetik, Vol III, No 1,
1966, pp 1-8.
Dept of Navy Tr 4668/APLJHU T 1734

Sci-
May 66

300,764

A Functional Electronic Model for the
Behavioral Patterns of a Fish, by
G. Hauske.

GERMAN, per, Kybernetik, Vol III,
No 1, 1966, pp 27-33.

*Dept of Navy/APL/JHU/ J-783

Sci-Elekt
May 66

~~222,142~~

multimodal Interval Histograms in the Continuous
Activity of Retinal Neurons of the Cat, by
W. D. Heiss, H. Bornschein.
GERMAN, per, Kybernetik, Vol 3, No 4, 1966,
pp 187-191
Navy APL/JHU T-1971
tr 5177

Sci/B&M
Mar 67

318,536

The Calculation of Statistically Varying
Pulse Trains and Their Superposition, by
D. Becker.

GERMAN, per, Kybernetik, Vol 3, No 5,
1966, pp 191-196.

NTC 69-10611-06D

NAVY APL/JHU T-1975

Sci-BQM
July 69

386,647

KYBEMNETIK

1968 V4 N6 P228-234

70-00451-60

70-11341-098 <0>

ORDER FROM NTC

W. Seelen

*On information processing in the visual system of
vertebrates. I. 47 pp.
GERMAN, per, Kybernetik, Vol 7, No 2, 1970, pp 43-60
AIR/FTD-HC-244-72*

sept 72

Processing of Information in the Visual System of
Vertebrates, by H. von Seelen.
GERMAN, per, Kybernetik, Vol 7, No 3, 1970, pp 89-106.
Dept of Navy APL/JHU T-2536

July 71

The dependence of reaction time on the time
sequence of optical stimuli, by R. Taumer,
Ch. Schlier,
GERMAN, per. Kybernetik, Vol 7, No 5, 1970,
pp 183-191.
APL/JHU-T-2549

Oct 71

The Perception of Finite Linear Series of Events, by
R. Bosel.
GERMAN, per, Kybernetik, Vol 7, No 6, 1970, pp 229-235.
*Dept of Navy APL/JHU J-1615

July 71

Remarks on the Choice of Variables in the
Model Proper of the Nerve Cell, by
Melka Madvornik,
CZECH, per, Kybernetika, No 1, Vol 1, 1965,
pp 49-55.
ACSI J-2217
ID 2204015967

Sci-MM
Jan 69

369,509

A Mathematical Model of the Liver Chromoexcretory
Function, by J. Jirounek, J. Brousil, 10 pp.
CZECH, per. Kybernetika, Vol 5, No 2, 1966,
AIR/FTD/HT-23-743-68

Sci/B&M
Nov 69

393,542

Cybernetics in Social Sciences, edited
by Eduard Arab-Ogly, Arnost Kolman and
Jiri Zeman, 373 pp. GOVERNMENT USE ONLY
CZECH, bk, Kybernetika ve spolecenskych
vedach, under copyright of the publish-
ing house of the Czechoslovak Academy of
Sciences, Prague, 1965, pp 1-318.
JPRS 910: 911

Czech
Sci - B/M
Oct 65

287,851

Box #20

Box #20

Box #20

LDPP Officials Dissatisfied with Party
Work, by Hans-Joachim Housinger, 11 pp.
GERMAN, per, LDPP-Information, East
Berlin, No 3, Feb 71, pp 2-4.
JPRS 53234

Jan 71

Economic Planning and New Argentine Government,
8 pp.
SPANISH, per, L.P.C., 13 July 1960, pp. 11,
15-16.
JPRS 37396

LA-Argentina
Econ
Sept 66

310,975

Czech Events, Meaning to Soviets Analyzed, by
Albert Detmold, 9 pp.
FRIDAY, per. Robert Brussels, No 2, 1970, pp 69-
75.
JPRS 11165

EE-Czech
Pol
Aug 70

Agency: AEC/NY
P.O. #69-2575

R-10507-D
24 June 67

Title: Labor fur Umwelt-Radioaktivitat
(G. Schumann) Annual Report 1968
p. 100 - 148

AUTHOR: J. BOGENY

Language: German 49 pp

Special Instructions: Please translate and
type one copy only.

Agency: AEC/TECH.
P.O.No. 84-72-27

8-14171-4
13 Dec. 1972

Field Report of Activities - Year 1969
Author: Various
Source: Laboratori Gas Ionizzati - Laboratorio Plasma
(Associazione Euratom-CNR), Frascati, Roma
Language: Italian 118pp
Special Instructions: Type single space, paste-up.
Camera ready, integrated translated copy required.

Compensation of the Effects of Off-Resonance
in the Resonant Cavities of Accelerators,
by D. Fabiani, M. Puglisi, 28 pp.
ITALIAN, rpt, Laboratori Nazionali di Frascati,
rpt INF-66-28, 1966.
AEC LA Tr-66-62

336,943

Sci - Electronics
Aug 67

Photoconduction Measurement on Doped
Monocrystals of CdS, by L. Bartolini.
ITALIAN, FPT, Lab Nazi Frascati CNEN,
No 504, 10 p, Feb 3, 1966
•NASA TT F-10,320

U. S. GOVERNMENT USE ONLY
Sci-Phys
Nov 66

Calculation of the Shielding Around the Targets
of the Frascati Linear Accelerator, by
M. Polliccioni, 10 pp.
ITALIAN, rpt, LNF-66/14. Laboratori Nazionali
de Frascati del CNEN, 1966.
AEC/ORNL/Tr-1897-69

Sci/Phy
May 69

377,450

On the Shielding of the Frascati Linac Beam
Dump, by M. Ladu, et al.
ITALIAN, rpt, Laboratori Nazionali di Frascati,
INF-66/44, 19 Sep 1966.
*AUC

Sci/Nuclear Sci
FEB 68

AEC. 4(SLAC-Trans-133) 5NONLINEAR COLLIDING-BEAM
EFFECT. 6Jocic, A.; Le Duff, J. 7(Paris Univ., Orsay (France)).
Laboratoire de l'Accelérateur Linéaire). 10Translated by R.
Williams for Stanford Linear Accelerator Center, Calif., from
report 11LAL-RT-10-71. 2047p. 24Dep. NTIS.

25
26particle accelerators 2720G

28MN-34 29P NSA

Sound Level Measurements Percent Band and Octave
Band Analysis of the Noise and Vibration in
Industrial Installations, by L. F. Dalbonne. 53 pp.
SPANISH, rpt, Lab. de Acustica e Sonica, report
TR-6910.386.
NASA TT-F-13604

Aug 71

Agency: U.S. Army Cold Regions Res. & Eng. Lab.
Ref. no.: 72-T-4
Title: Methode experimentale de classement des
sols selon leur degre de gelivite
R-13742-0
14 Sept 71
Author: Aguirre-Puente, J. & Dupan, A.
Source: Laboratoire d'aerothermique, Centre National
de la Recherche Scientifique, Rap. 70-5, June
1970, 34p. & figs (total 49)
Language: French
Special instructions: Please translate & type 1 copy

Nocturnal Camoras
FRENCH, per. Laboratoire D'Astronomie Spatiale
du CNRS Mersailles. 1967
*NASA TTF 11,233

Sci - Met & Equip
Aug. 67

332,094

Results of ~~the~~ obtained with the Aid of Nocturnal
Cameras.

FRENCH, per, Laboratoire D'Astronomie Spatiale
du CNRS Marseilles. 1967.

*NASA TTF 11,234

Sci - Met & Equip
Aug. 67

332,095

Agency: NSS

P.O.No. S-215333-72

R-15000-D S.F.

8 May 1972

Title: Comportement Thermique des Transistors Bipolaires

Author: Jp.Daubonne, Bailbe

Source: Laboratoire D'Automatique et de ses Applications
Spatiales du C.N.R.S.

Language: French

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ABSORPTION ATLAS LABORATORY STANDARD ATMOSPHE
RE IN THE RANGE OF 1.3 TO 12 MICRO

LANGUAGE-FR COUNTRY-FR

LABORATOIRE CENTRAL DE L'ARMEMENT FEB 1971

FSTC-HT-23-0474-73

ATMOSPHERIC TRANSPARENCY

LANGUAGE-FR COUNTRY-FR

LABORATOIRE CENTRAL DE L'ARMEMENT
L 72

14APRI

ESTC-HI-23-C472-73

Nuclear Shielding Calculations Study No 07-1,
Note 9, Photon Scattering Monoenergetic
Isotropic Point Source Infinite Medium, 63 pp.
FRENCH, rpt. Lab Central et Ecole de l'Armement,
Nov 1965.
AEC/ORNL-Tr-2349-70

Sci/Nucl
Nov 70

Nuclear Shielding Calculations, 42 pp.
FRENCH, rpt. Lab Central et Ecoles de l'Armement,
Nov 1965.
AEC/ORNL-Tr-2360-70

Sci/Math
Nov 70

Nuclear Shielding Calculations, Note No 2, Energy
Flux in Air due to a Plane, Infinite, Isotropic
Gamma-Ray Source of Uniform Density, 30 pp.
FRENCH, rpt, Lab Central et Ecoles de l'Armement,
March 1966.
AEC/ORNL-Tr-2359-70

Sci/Math
Oct 70

Conditions of Formation of a Water Film on the
Highway and its Expulsion Owing to Action of a
Tire, by J. Lefranc. 86 pp.
FRENCH, rpt, Lab. Central des Ponts et Chaus-
sees, May 1969, 81 pp. 1969
NASA TT-F-13603

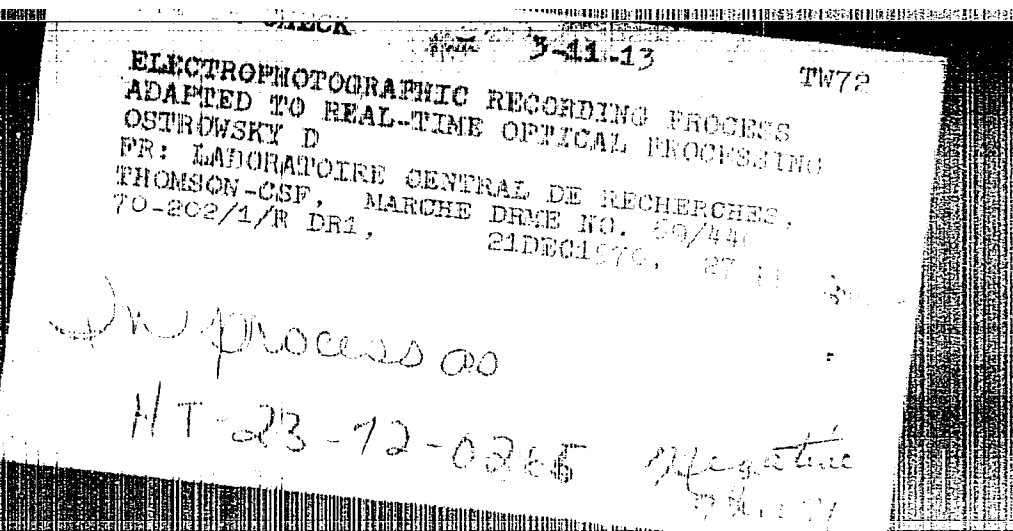
July 71

STUDY OF REPORTS ON THREE-DIMENSIONAL OPTICS
EMPLOYING HOLOGRAPHIC CHARACTERISTICS
SPIES E; BISMUTH G
FR: LABORATOIRE CENTRAL DE RECHERCHES
THOMSON-CSF, MARCHE DRME NC.
LCR NO. 70-171/1/R
102 pp
3-11-14
TW73
64-34-479
19NOV1970,

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HT-23-72-0264

Negative
72071



Agency: Fish & Pesticide Lab.
P.O.No. SFWB 3077

R-14836-D
11 April 1972

Title: ETUDE CINETIQUE DE LA CHLORATION DES COMPOSES
AROMATIQUES PAR $SbCl_5$ -MECANISME

Author. R.Corriu, C.Coste

Sources: Lab. de Chimie Organique Physique Faculte
des Sciences de Poitiers.

Language: French

Instructions: Please translate, type single space.
No paste-up, leave space.

J. Robillard

Application of solid state physics to information
display systems. 37 pp.
FRENCH, Laboratoires D'electronique et de physique
appliquees, Vol 2, No 15, 1968, pp 53-84
AIR/FTD-HC-23-995-72

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

Oct 72

J. Robillard

New systems for information display. 45 pp.
FRENCH, Laboratoires D'Electronique et de Physique
Appliquee, No 1, 1970, pp 1-22.
AIR/FTD-HC-23-1068-72

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

Jan 73

J. Robillard

New data presentation systems. 24 pp.

*FRENCH, Laboratoires D'Electronique et de physique
appliquee, No 3, 1970, pp 1-13*

AIR/FTD-HC-23-1069-72

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

Nov 72

P.O. Number: DM-69-52

R-10188-D

11 March 1969

Title: Controle et Modele Genetique de
Mineralisations en Galene de Type "Red-Beds".

Author: J. C. Samana

Source: Laboratoire de Geologie Appliquee,
E.N.S.G., Nancy - Gisement de Largentiere-
Ardeche, France, 1968:261-71 (11pp)

Language - French

Special Instructions: Please translate and
type 1 copy only.

J. J. Metois

Phenomenon of Postnucleation, by J. J. Metois 19 pp.
FRENCH, rpt, Laboratoire de Mechanismes de la Croissance
Cristalline, Associe au C.N.R.S. Universite de Provence,
Centre de Saint Jerome, Marseille, 1971
NASA TT F 14, 117

MAR 72

Air Pollu. #338

R-9335-D

8 Apr 68

Etude de la pollution atmospherique dans le departement
de la seine en 1965

By: Laboratoire municipal de la prefecture de polich
pp 1-29

(29 pp)

French - cst for wds:

Please translate and type 1 camera ready copy.
Document can be cut.

Study of the Interaction of Particles, by M. Monnin.
FRENCH, rpt, Laboratoire de Physique Nucleaire,
June 1968.
CIA X-6781

Nov 68

353,548

Plasma Confinement by a Rotating Field.
Stability of a Plasma-Generating
System, by E. S. Weibel.
FRENCH, rpt, Laboratoire de Recherches
sur la Physique des Plasmas, Lausanne,
Switzerland, Report LRP-27-66, 1966,
11 p.
NASA TT F-11,622

Sci/Phys
Oct 68

369,160

PROPAGATION AND CONCENTRATION OF THE LASER BEAM IN THE ATMOSPHERE

LANGUAGE-FR COUNTRY-FR

PROPAGATION ET CONCENCRATION DU FAISCEAU LASER DANS L'ATMOSPHERE (DIFFUSION RE

LABORATOIRES DE MARCOUSSIS (CENTRE DE RESEARCHES DE LA C.G.E. 18 DEC 70 51

FSTC-HT-23-0473-73

~~Classification~~

CSO: 01262/71 W
16 Dec 70 SF

Laboratory-Centrifuges

Leipzig, Laboratoriecentrifugar, Janetski 1970

Special type B - do not publish - translators
draft plus one - Translate only those portions
(if any) dealing with gas centrifuges rather
than liquid centrifuges.

T.D. 31 Dec 70

Cytological diagnosis of Intraocular Tumors,
by lu. I. Bogdanovich, et al.
ITALIAN, per. Lab Delo, Vol 8, 1965, pp 472-
474.

NII HEN 7-16-67

Sci - B&M
Aug. 67

358,266

LABORATORNOE DELO, 1968, pp 751-752
NTC 70-10636-07B

The Amalgam-Polarographic Determination of
Heavy Metals in Biological Objects. Report No I,
Determination of Metals in Blood, by
A. G. Stromberg.
EUROPEAN, per, Laboratornoe Delo, No 4, 1969,
pp 235-237.
NTC-71-15479-06A

Feb 72

Capabilities for the Identification and
Discrimination of Microbiological Aerosol
Agents by Means of Radioactively Labeled
Antisera, by Clemens Schmuck,
GERMAN, per, Lehrbericht, 1967.
ACBI J-3222
ID 2204030267

Sci-BM
Nov 67

343,992

Inactivation of Virus Aerosols by Ozone,
by M. A. Gorman , J. Perouse-Perrin,
FRENCH, rpt, Lactivation par l'ozone
des aerosols de Virus, (Hxovirus Multiformis)
Inclosure to IR 2214012165

1965.

*ACSI I-8429

ID 2214012165

Sci-B7H

Oct 65

Telephone Exchange Systems in Poland, by Maria
Leman, 6 pp.
POLISH, per, Lacznosc, No 35, 17 Sept 1967,
p. 1
JPRS 43486

Sci/Navigation, Communications:
Detection & Countermeasures
Dec 67

346,366

National Information Sheet Number 31/68 of the
National Committee, The Peoples Republic of
China.

GERMAN, rpt, Ladernachrichten Nr 31/68 des
Landrausschusses VR China, 23 Dec 1968, 11 pp.

ACSI J-6373

ID 2754005069

Far East

Pol

Aug 69

390,033

LAEKARTIONINGEN, Vol 62, 1965, pp 198-202
NTC 70-12458-06E

LAEKARTIONINGEN, Vol 62, 1965, pp 4114-4123
NTC 70-10474-06J

LAEKARTIONINGEN, Vol 66, No 39, 1969, pp 3949-3955
NTC 70-11393-000

Agency: ACSI
P.C. #: K-3537
Title: Swedish law No. 345 on Rights to Employee
Inventions (3 pages - Cover page, page 654
and page 655)
Source: Nr 345, Lag, om rätten till arbetstagarers
uppfinnningar
Language: Swedish
Instructions: Please translate and type on plain
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Suspense Date: ^{NLT} 15 March 73, ~~XXXXXXXXXXXX~~